# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS **Box Patent Application** 

Washington, D. C. 20231

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the ional patent anolication of nonprovisional patent application of:

Haiging Wei, Aly F. Elrefaie, Xin Xue and Shih-Yuan Wang Inventor(s)

GENERATION OF OPTICAL SIGNALS WITH RETURN-TO-ZERO FORMAT Title of Invention

### APPLICATION ELEMENTS ENCLOSED:

- X Specification (total pages <u>43</u> including:
  - \_\_\_\_12\_ pages of claims (49 claims)
    - \_\_\_\_1\_ page(s) Abstract
- 2. X 17 sheets of \_\_\_ informal \_X \_formal drawings (Figs. 1-22)
- 3. X Oath or declaration of Applicant(s) ( 3 total pages)
  - Newly executed (original) a.
    - \_X\_ Unexecuted b.
    - Copy from a prior application (37 CFR 1.63(d)) C.

(for continuation/divisional with Item 14 completed)

- Deletion of Inventor(s)
  - Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- Incorporation By Reference

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Microfiche Computer Program (Appendix)

### APPLICATION PARTS ENCLOSED:

- 7.\_\_\_\_ An assignment (cover sheet & document(s))
- 37 CFR 3.73(b) Statement (when there is an assignee)
- 9. X Power of Attorney
  - Newly executed (original)
  - Χ\_ Unexecuted
  - Copy from a prior application

Letter of Transmittal .	Attorney Dkt. No0980/66019
Page 2	
10 Information Disclosure Statement (IDS)/PTO-1449	
Copies of IDS Citations	
11 A Preliminary Amendment	
12. X Return Receipt Postcard (MPEP 503)	
13. X Applicants hereby establish small entity status under 37 C.F.F.	
14 If a Continuing Application, check the appropriate box and sup	oply the requisite information:
Continuation of prior application No.:filed	
Divisional of prior application No.:filed	
Continuation-in-part (CIP) of prior application No.:	filed
15 Amend the specification by inserting before the first line of page	ge one:This is acontinuation
divisional of application Serial Nofiled	
16 Priority of application Nosfiled inon _	Applicant hereby claims
priority under 35 U.S.C. § 119.	
A certified copy of priority application Nos	_are enclosed
A certified copy of priority application No	has been filed in prior application
S.Nfiled	
47 Other (identify)	

The filing fee is calculated as follows:

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#### CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

					Rate			Fee	
	Number		Number		Small	Other		Small	Other
	Filed		Extra*		Entity	Entity		Entity	Entity
Total Claims	49 - 20	=	29	x	\$9	\$ 18	=	\$ 261	\$
Indep.	5 - 3	=	2	x	\$ 42	\$ 84	=	\$ 84	\$
Multiple Dependent  Claims Presented: Yes No_X				\$140	\$280	=	\$0	\$	
If the difference in column 1 is less than zero,			Basic Fee		\$ 370	\$ 740			
enter "0" in column 2				Total Fee			\$ 715	\$	

18. X A check in the amount of \$ 715.00 to cover the filing fee.
19 A check in the amount of \$ for recordation of the Assignment.
20. X The Commissioner is hereby authorized to charge any additional fees which may be required in connection
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with the following or credit any overpayment to Deposit Account No. 03-3125
_X Filing fees under 37 C.F.R. § 1.16.
X Patent application processing fees under 37 C.F.R. §1.17.
The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37
C.F.R. §1.311(b).
21. X Three copies of this sheet are enclosed.
22 Other (identify)

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Respectfully submitted,

October 4, 2001 Date

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Haiqing Wei, et al.

Serial No.

Group Art Unit:

Date Filed

Concurrently Herewith

Examiner:

For

GENERATION OF OPTICAL SIGNALS

WITH RETURN-TO-ZERO FORMAT

1185 Avenue of the Americas New York, N.Y. 10036

Assistant Commissioner for Patents **Box Patent Application** Washington, D.C. 20231

### EXPRESS MAIL LETTER OF TRANSMITTAL

Express M	ail mailing	label	number:	EL531588355US
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Date of Deposit: October 4, 2001

I hereby certify that the above-identified application (consisting of a 43-page specification (including 12 pages of claims (49 claims) and a 1 page Abstract), and 17 sheets of formal drawings (Figs. 1-22), 3 copies of an Application Transmittal Form, unexecuted Declaration and Power of Attorney, and a check for the \$715.00 Small Entity filling fee, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Mail Room Employee

Depositing Express Mail Material

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